

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Control Unit (High-Rise)

LISTEE: Johnson Controls, 507 E Michigan St, Milwaukee, WI 53202-5211
Contact: James D. Kinney (414) 524-4358 Fax (414) 276-5979

DESIGN: Model IFC-3030, IFC-3030E fire alarm control units. Local, auxiliary, remote station (PPU), proprietary (PPU), central station (PPU), automatic, manual, waterflow and sprinkler supervisory services. Refer to listee's data sheet for detailed product description and operational considerations. System components:

AA-30/-100/-120	Amplifiers
ACM-8R/-16AT/-24AT/-32A/-48A	Annunciator Control Modules
ACPS-2406	Addressable/Charger Power Supply
ACT-1/-2	Audio Coupling Transformer
AEM-16AT/-24AT/-32A/-48A	Annunciator Expander Modules
AFM-16A/-16AT/-32A	Annunciator Fixed Modules
JAKS-1B	Annunciator Key Switch
AMG-1/-E	Audio Message Generator
AMPS-24	Addressable Main Power Supply
APS-6R	Auxiliary Power Supply
ARM-4	Auxiliary Relay Module
BGRA-SCS, BGRB-SCS,	Smoke Control Enclosures for SCS Modules
CEF-SCS, RSA-SCS, RSB-SCS,	Smoke Control Enclosures for SCS Modules
RSC-SCS, RSD-SCS, RSE-SCS	Smoke Control Enclosures for SCS Modules
BB-100/-200	Battery Box
BMP-1	Blank Module
BP-4	Battery Panel
BX-501	Intelligent Detector/Sensor Base
B-501J	Intelligent Base
B-210LPJ	Intelligent Detector Base
CAB-4 Series	Enclosure
CHG-120	Battery Charger
CHS-4L/-4MB/-4N/-6/-M3/-PS	Chassis
CHS-M3	Chassis
JCPU-3030D/JCPU-3030ND	CPU Board
CRE-4	Control Relay Expander
CRM-4RK	Control Relay Module
CRT-2	Display Terminal
DCM-4RK	Dual Channel Module
DP-1B	Blank Panel
DP-DISP	Display Dress Panel
DPDW-1B, DPSW-1B, XPDP,	Dress Panels
VP-2B	Dress Panels
DPI-232	Direct Panel Interface

FCPS-24	Field Charger/Power Supply
FFT-7/-7S	Fire Fighter's Telephones
FHS	Fireman's Handset
FPJ	Fireman's Phone Jack
ICE-4	Indicating Control Expander
ICM-4RK	Indicating Circuit Module
IZE-A	Initiating Zone Expander
IZM-8RK	Initiating Zone Module
LCD-80	Liquid Crystal Display Module
LCM-320	Loop Control Module
LDM-32/-E32/-R32	Lamp Driver Module
LEM-320	Loop Expander Module
MP-1B	Blank Panel
MPS-24B	Power Supply Module
JBG-12 Series	Addressable Manual Pull Station
JNCA	Network Control Annunciator
NCM-W/-F	Network Control Module
N-ELR	End of Line Resistors
JCI-LBB/-LBBR/-BB-25/-BB-17	Battery Box
JPRN-5	Printer
R-120/-2.2K/-27K/-470/-47K	End of Line Resistors
RA-400/-400Z	Remote Annunciators
RKS-S	Remote Security Keyswitch
RPJ-1	Remote Paging Jack
RPT-W/-F/-485W/-485WF	Repeater
RM-1/-1SA	Remote Microphone
SCS-8	Smoke Control Station
SCE-8	Smoke Control Expander
STS-1	Security Tamper Switch
TM-4	Transmitter Module
TR-A4/-B4/-C4/-D4	Trim Ring
UDACT	Universal DACT
UZC-256	Universal Zone Coder
VCE-4	Voice Control Expander
VCM-4RK	Voice Control Module
VS4095	Keltron Remote Printer
XP5-C/-M	Transponder
XPC-8	Transponder Control Module
XPIQ	Transponder Quad Intelligent Audio Module
XPM-8/-8L	Transponder Monitor Modules
XPP-1	Transponder Processor
XPR-8	Transponder Relay Module

INSTALLATION:

In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating, and UL label.

APPROVAL: Listed as fire alarm control units suitable for high rise applications for use with separately listed compatible initiating and indicating devices. Refer to listee's Installation Instructions Manual for details.

This control unit can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition.

NOTE: For **Fire Alarm Verification Feature** (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

XLf: 7170-0028:223

01-08-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

JANUARY 8, 2004

*Listing Expires **June 30, 2004***

Authorized By:

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